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REVISIONS			
REV	DESCRIPTION	CHKD	DATE
01	RELEASE	JHL	03/31/08
02	ADDED 32V INVERTER INFO, FIXED WIRE COLORS	JHL	09/05/08
03	REMOVED BRANCH DISCONNECTS	JHL	11/04/08
04	UPDATED FOR M190	JHL	02/12/09
05	UPDATED FOR M210	JHL	04/15/09

ENPHASE AC INTERCONNECT CABLE
 BLACK - L1
 RED - L2
 ORANGE - L3
 BLUE - NEUTRAL

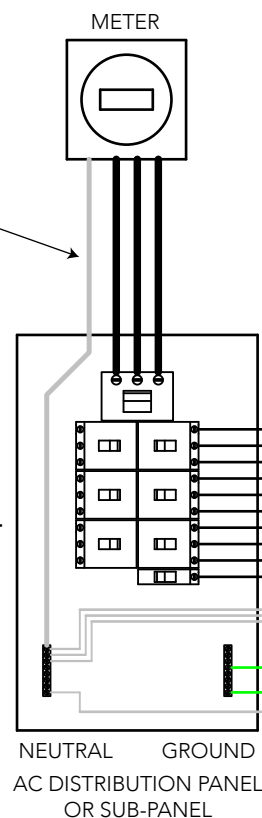
JUNCTION BOX

END CAP INSTALLED ON LAST INVERTER CABLE OF BRANCH CIRCUIT

UP TO 21 M190-72-208-S1x
 OR
 UP TO 18 M210-84-208-S1x
 MICRO-INVERTERS
 PER BRANCH CIRCUIT
 @ 208 VAC (Approx. 4200 WAC)

TO METER OR AC DISTRIBUTION PANEL

1 - 3 POLE 15 AMP CIRCUIT BREAKER PER BRANCH CIRCUIT



PHASE A-B PHASE C-A PHASE B-C

THE FIRST AC CONNECTOR IN EACH BRANCH CIRCUIT IS SUITABLE AS A DISCONNECTING MEANS THE AC LOAD CENTER BREAKER SHOULD BE OPENED PRIOR TO DISCONNECTING AC CONNECTORS

UP TO 250 MICRO-INVERTERS PER ENVOY COMMUNICATIONS GATEWAY

ETHERNET CABLE TO BROADBAND ROUTER

120 Vac POWER CABLE

IMPORTANT: Make sure that you measure the Line-to-Line and Line-to-Neutral voltage of all service-entrance conductors prior to installing any solar generation equipment. The voltages for the 208 Vac rated microinverter models should be within the following ranges:
 L1 to L2 to L3 - 183 to 229 Vac, L1, L2, L3 to neutral - 106 to 132 Vac

TOLERANCES: UNLESS OTHERWISE SPECIFIED
 .X = .06
 .XX = .02
 .XXX = .010
 FRACTIONS = ±1/32"
 ANGLES = ±2°
 ALL DIMENSIONS ARE IN INCHES
 3RD ANGLE PROJECTION

MATERIAL:
 -
 SEE NOTES
 FINISH:
 -
 SEE NOTES

APPROVALS	DATE
DRN BY J. LAUGHY	3/31/08
ENGR	
MFG	

[e] enphase ENERGY		201 1st st suite 111 Petaluma, CA 94952 707-763-4784	
FIELD WIRING DIAGRAM 208 VAC THREE PHASE M190-72-208-S1x, M210-84-208-S1x			
D	DWG NO. 144-00002	REV 05	
DO NOT SCALE DRAWING		SCALE	SHEET OF

QTY	PART NUMBER	VENDOR	DESCRIPTION	ITEM
PARTS LIST				